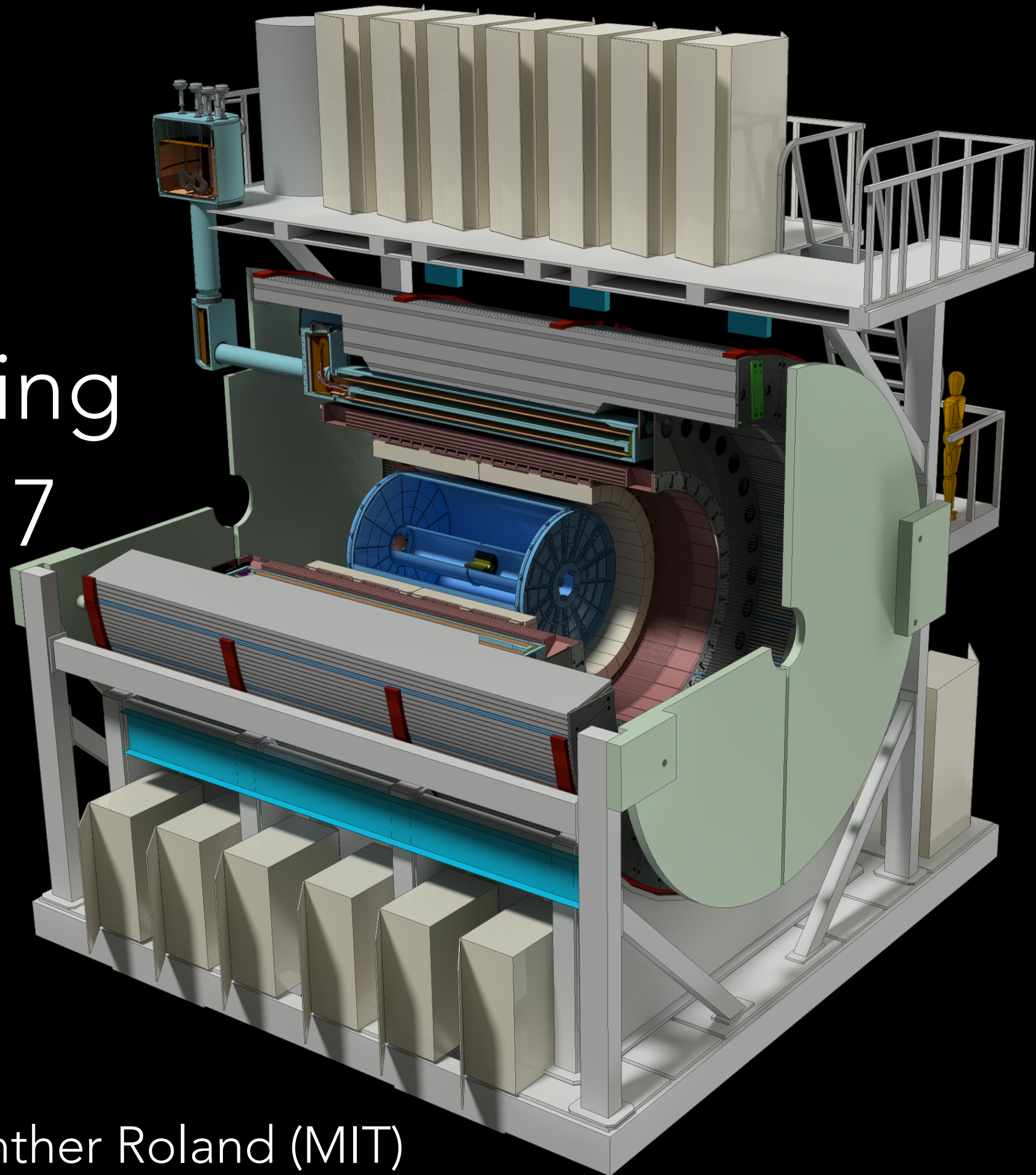


sPHENIX
general meeting
March 17, 2017



Dave Morrison (BNL), Gunther Roland (MIT)



**KEEP
CALM
AND
VOLUNTEER**

(to take minutes for today's meeting)

Plan for today

Friday, 17 March 2017

12:00 - 12:20	sPHENIX News 20' Speakers: Dr. David Morrison (BNL), Prof. Gunther Roland (MIT)	▼
12:20 - 12:40	Project news 20' Speaker: Edward O'Brien (BNL)	▼
12:40 - 13:00	HF TG status and planned simulations for MVTX review 20' Speakers: Dr. Ming Liu (Los Alamos), Dr. Jin Huang (Brookhaven National Lab), Dr. Michael McCumber (Los Alamos National Laboratory)	▼
13:00 - 13:20	Cold QCD TG status and plans for modest forward upgrade (MFU) 20' Speakers: Dr. Nils Feege (Stony Brook University), Prof. Christine Aidala (Michigan)	▼

Summer 2017 collaboration meeting

- Final dates: Tue-Wed, June 13-14 (two full days)
 - right after INT Jet&HF program; right before PAC (Thu-Fri, June 15-16) and User's meeting
 - Opportunity for pre-collaboration meeting meetings/workfests on Monday (e.g. modest forward upgrade working group, MVTX consortium)
- Volunteers for Winter 2017 collaboration meeting?
 - Easier to seek institutional support with enough advance notice! Let us know if you're thinking about this, may be we can help.

Reminder: ALD request for the June PAC meeting

Dear RHIC Spokespersons:

I am writing to request that you submit the annual Beam Use Request for the RHIC runs in 2018 and 2019 and related material.

We current anticipate, assuming favorable budget conditions, runs of 15 cryo-weeks (including 2 weeks for the Coherent electron Cooling test) in FY2018 and 24 cryo-weeks each in FY2019 and FY2020. Less favorable, but still likely, budget conditions would only allow for a combined run of 20 cryo-weeks in FY2019/FY2020. The beam use request should consider both possibilities.

The submissions are due by May 15, 2017. Since PHENIX has ended data taking and sPHENIX has not yet started construction, I expect to receive a BUR from STAR only.

I also ask STAR and PHENIX to report on the status of analyses of data from previous RHIC runs, especially the runs in 2014-16.

In addition, I invite the STAR and sPHENIX Collaborations to present letters of intent for proposals of modest forward upgrades to their detectors for data taking after 2021 for consideration by the PAC.

The dates for this year's RHIC PAC meeting are June 15-16, 2017. A list of current PAC members is attached for your information.

Thanks in advance,

Berndt

Discussions with the ALD on March 16, 2017



- Schedule of reviews and proposals
 - Separate MVTX (MAPS) proposal after CD-1 (review) of baseline detector
 - Discussion with LANL, LBNL, MIT lab management on MVTX funding scheme - soon
 - MVTX director's review: 2nd half of May
 - essential to present a broad HF physics case

Discussions with the ALD on March 16, 2017



- Schedule of reviews and proposals
 - CD-1 review this fall
 - Modest Forward Upgrade
 - Proposal due 6/1 (2 weeks before PAC)
 - Modest? Below \$5M MIE threshold (STAR iTPC was given as example)
 - Impression appears to be that STAR case currently further developed

Planning for multi-year program

- As discussed at recent meetings, we should plan for multi-year program, i.e. 5 years
- ALD asked C-AD for updated projections; received reply from Wolfram Fisher (further work promised)
- Of great relevance for our plans
 - MVTX physics case should be updated/expanded to reflect 5-year program
 - Same for Modest Forward Upgrade
 - Trigger plan needs to consider extended running and higher luminosity in 2023+
 - Meeting of interested parties yesterday

Summer conferences and meetings

- Many meetings, workshops, conferences with prominent sPHENIX talks: INT, PAC, User's meeting, SQM, CERN Jet workshop etc etc
- Need to update our physics performance plots
 - HF - MVTX proposal, Cold QCD - MFU proposal
 - But also jets, upsilons
 - Urgent work on reconstruction and analysis code
- Need to renew/expand effort in topical and software groups

New collaborators

- Dave and Gunther will visit Saclay at the end of March
- Interest in joining sPHENIX
 - (long term interest is EIC, but expecting to be full members of sPHENIX)
- Need input from subsystems, cold QCD, eRHIC project
- Dave/Gunther meet at BNL next week